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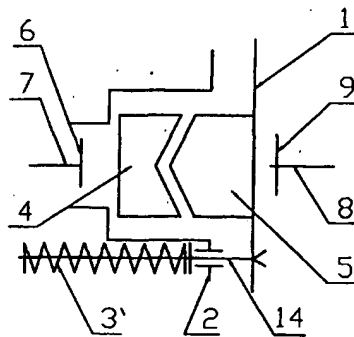
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(54) Title: A SHAFT COUPLING UNIT

(54) 发明名称: 轴用活套装置



(57) Abstract: A shaft coupling unit is disclosed, which comprises a coupling disk (1), a disk (2), a spring (3), a concave member (4), a convex member (5) and a draw lever (14). The concave member (4) is press fitted against the convex member (5) to rotate circumferentially and to move axially with respect to one another. The concave member (4) is axially press fitted against the disk (2) to rotate circumferentially with respect to one another. An external coupling member (6) is disposed between the concave member (4) and a transmission member (7). The external coupling member (6) is radially press fitted against the concave member (4) to axially slide each other. The convex member (5) is mounted on the coupling disk (1). The spring (3) is joined to the disk (2) at an end, and joined to the draw lever (14) at the other end. The draw lever (14) is linked up with the coupling member (1) through the disk (2). The coupling disk (1) is mounted on an external transmission shaft (8), or attached to the latter through a shaft joining member (9) so as to form the shaft coupling unit of the invention for coupling the transmission member (7) with the external transmission shaft (8).

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